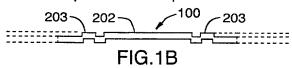


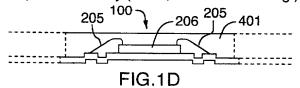


Step 2: Both side partial etch

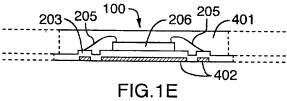


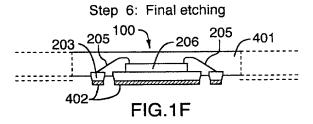
Step 3: Full Ni / Pd plating 203~ FIG.1C

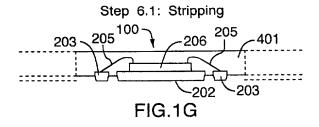
Step 4: Assembly (D / A, W / B and Molding)

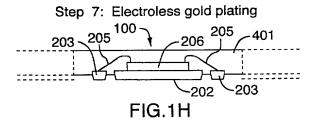


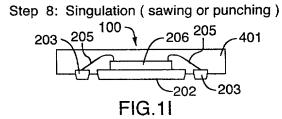
Step 5: Photo-resist (wet film) printing and curing (development)

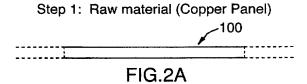












Step 2: Both side partial etch (Mirror image)

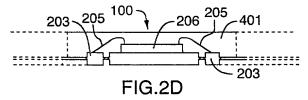


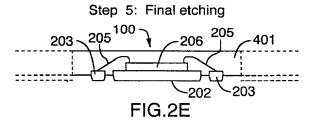
Step 3: Full Ni / Pd or Ag plating

203 202 100 203

FIG.2C

Step 4: Assembly (D / A, W / B and Molding)



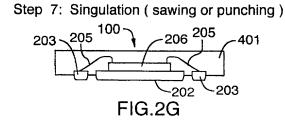


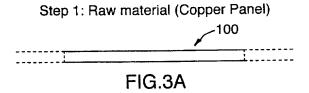
Step 6: Electroless gold plating

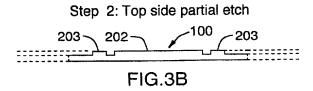
203 205 100 206 205 401

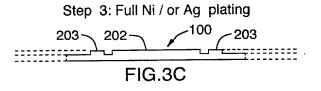
202 203

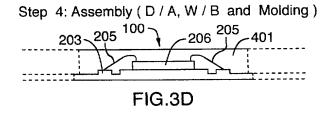
FIG.2F

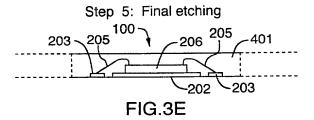




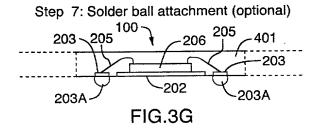




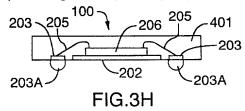


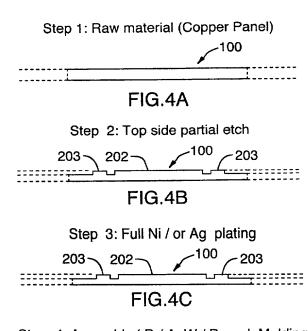


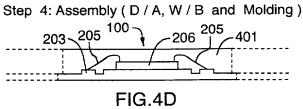
Step 6: Electroless gold plating
203 205 100 206 205 401
202 203
FIG.3F

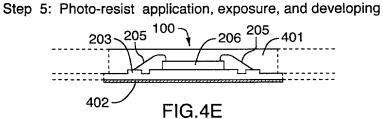


Step 8: Singulation (sawing or punching)

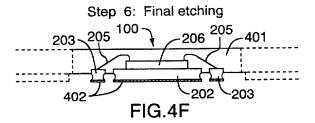




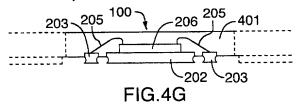




Note: Dry film laminating or Wet-film spin coating



Step 7: Photo - resist stripping



Step 8: Electroless gold plating

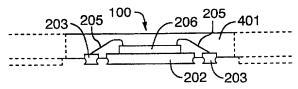
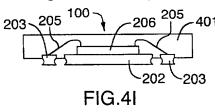
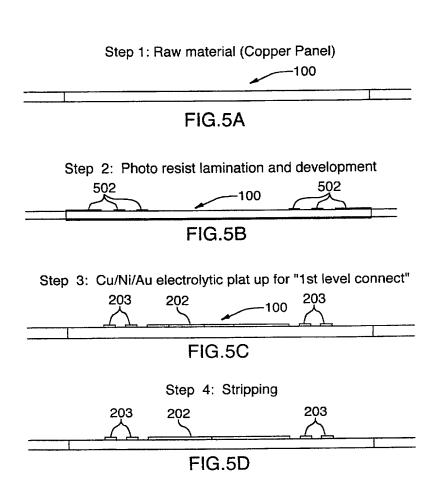


FIG.4H

Step 8: Singulation (sawing or punching)





504 202 504 504 FIG.5E

Step 5: -ve photo-resist lamination and development

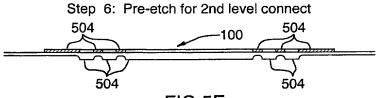
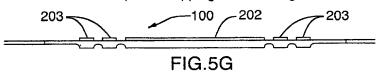
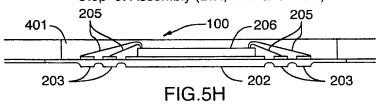


FIG.5F

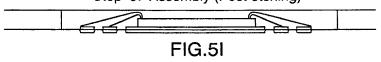
Step 7: Stripping and clearing



Step 8: Assembly (D/A, W/B and Mold)



Step 9: Assembly (Post etching)



Step 10: Singulation

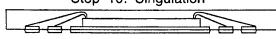
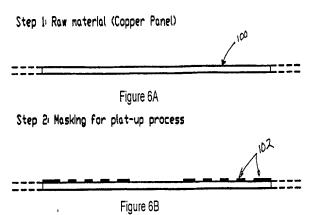


FIG.5J



Step 3: Plat up for '1st level connect'

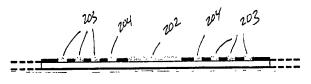


Figure 6C

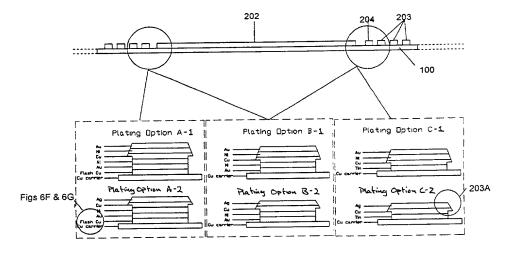
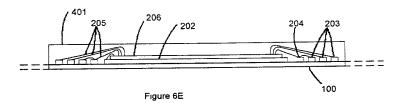


Figure 6D



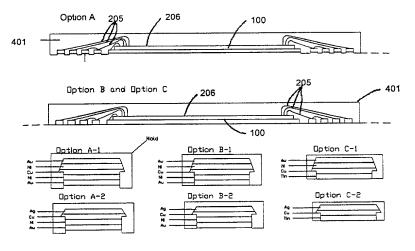
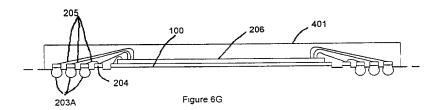


Figure 6F



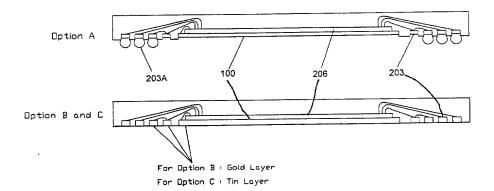


Figure 6H

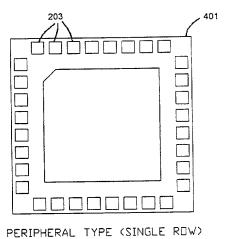


Figure 7

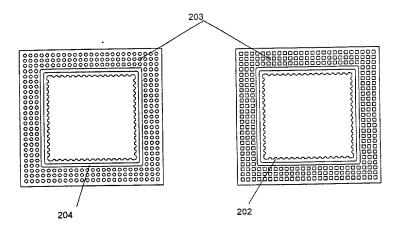


Figure 8A

Figure 8B

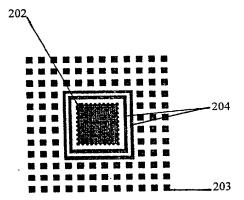


Figure 9